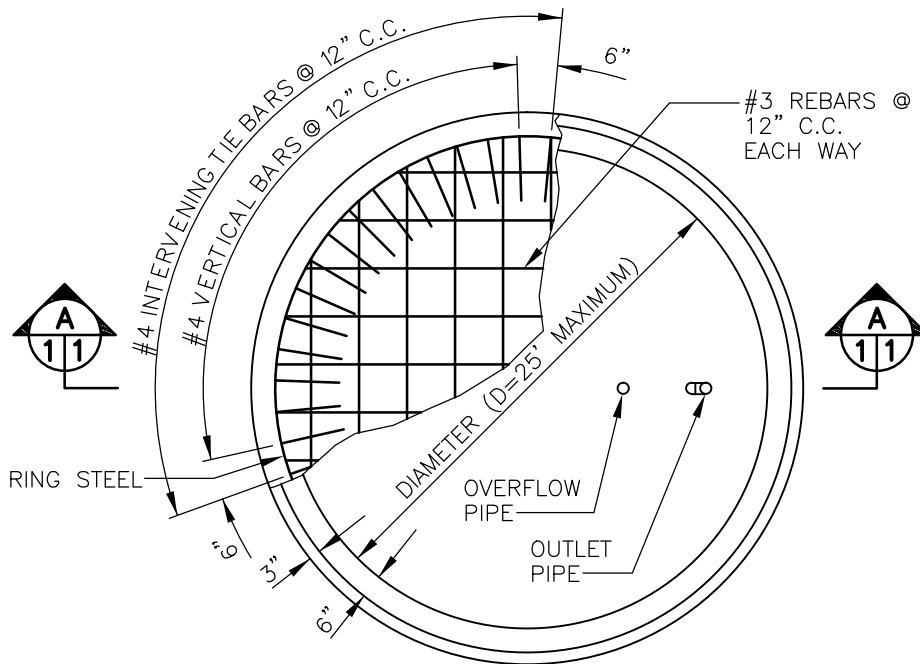
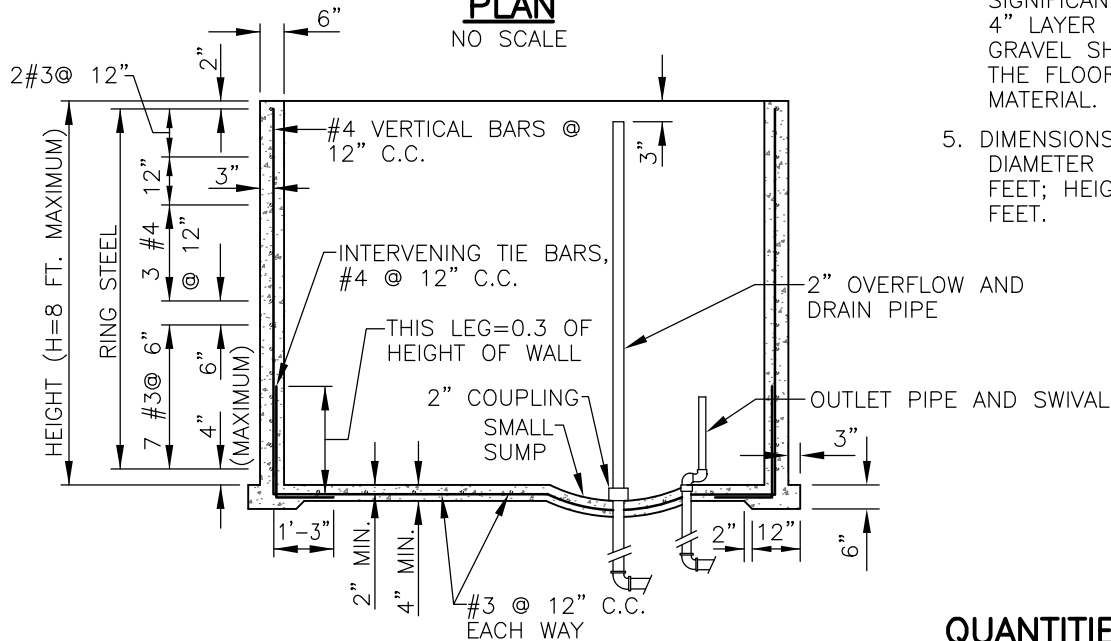


NOTES AND SPECIFICATIONS

1. CONSTRUCTION SHALL MEET THE APPLICABLE SPECIFICATION FOR ENGINEERING STANDARD AND SPECIFICATIONS NO. COLO. 614.
2. CARE SHOULD BE USED IN PLACING THE CONCRETE TO AVOID SEGREGATION. AFTER THE FORMS ARE REMOVED ALL EXPOSED VOIDS SHALL BE FILLED WITH A CEMENT-SAND MORTAR AND THE ENTIRE SURFACE WET-RUBBED TO ACCOMPLISH A DENSE SMOOTH SURFACE.
3. REINFORCING STEEL SHALL BE FREE OF OIL AND OTHER FOREIGN MATTER AS LOOSE COATINGS OF RUST OR SCALE AND SHALL BE SECURELY TIED. SPLICES SHALL BE LAPPED A MINIMUM OF 12 INCHES FOR #3 BARS AND 15 INCHES FOR #4 BARS.
4. IF THE GROUND IS HIGHLY PLASTIC MATERIAL OR SUBJECT TO SIGNIFICANT SWELLING, A MINIMUM 4" LAYER OF SAND OR FINE GRAVEL SHALL BE PLACED BETWEEN THE FLOOR AND THE SUB-BASE MATERIAL.
5. DIMENSIONS MAY VARY AS FOLLOWS: DIAMETER FROM 10 FEET TO 25 FEET; HEIGHT FROM 6 FEET TO 8 FEET.



PLAN
NO SCALE



SECTION
NO SCALE

QUANTITIES

HEIGHT FEET	DIAMETER FEET	WATER DEPTH FEET	STORAGE AFFORDED GALLONS	CONCRETE CU. YDS.	REINFORCING STEEL, LBS.
6	10	5.75	3,378	3.29	427
	15	5.75	7,601	5.62	675
	20	5.75	13,514	8.44	955
	25	5.75	21,116	11.75	1264
7	10	6.75	3,965	3.59	481
	15	6.75	8,923	6.07	756
	20	6.75	15,864	9.03	1061
	25	6.75	24,788	12.48	1395
8	10	7.75	4,559	3.89	536
	15	7.75	10,245	6.51	836
	20	7.75	18,214	9.62	1167
	25	7.75	28,460	13.22	1527



NRCS

Natural Resources Conservation Service
United States Department of Agriculture

STANDARD PLANS FOR A REINFORCED CONCRETE STORAGE TANK

(REVISED LAST ON 10-09)

Designed ARM Date 2-69
 Drawn DDD Date 4-09
 Checked _____
 Approved J.E. ANDREWS Date 10-09
S.C.E.

File Name _____
 Drawing Name CO-SSP-2
 Sheet 1 of 1